

in which

M^1 is a metal from group IVb, Vb or VIb of the Periodic Table

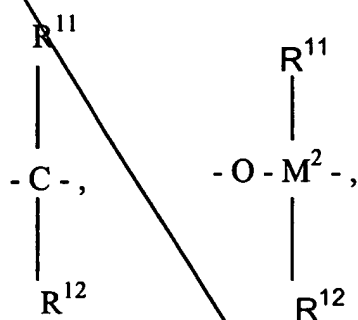
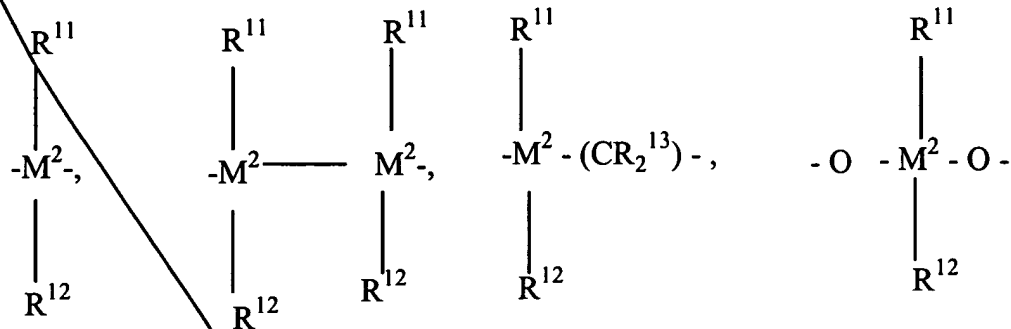
R^1 and R^2 are identical or different and are a hydrogen atom, a C_1 - C_{10} -alkyl group, a C_1 - C_{10} -alkoxy group, a C_6 - C_{10} -aryl group, a C_6 - C_{10} -aryloxy group, a C_2 - C_{10} -alkenyl group, a C_7 - C_{40} -arylalkyl group, a C_7 - C_{40} -alkylaryl group, a C_8 - C_{40} -arylalkenyl group or a halogen atom,

R^3 is a hydrogen atom, a halogen atom, a C_2 - C_{10} -alkyl group, a C_1 - C_{10} -alkyl group which is halogenated, a C_6 - C_{10} -aryl group, which is optionally halogenated, a C_6 - C_{10} -aryl group, an $-NR_2^{15}$, $-SR^{15}$, $-OSiR_3^{15}$, $-SiR_3^{15}$ or $-PR_2^{15}$ radical in which R^{15} is a halogen atom, a C_1 - C_{10} -alkyl group or a C_6 - C_{10} -aryl group.

[R^3 and] R^4 [are identical or different and are] is a hydrogen atom, a halogen atom, [a halogen atom,] a C_1 - C_{10} -alkyl group, which is optionally halogenated, a C_6 - C_{10} -aryl group, an $-NR_2^{15}$, $-SR^{15}$, $-OSiR_3^{15}$, $-SiR_3^{15}$ or $-PR_2^{15}$ radical in which R^{15} is a halogen atom, a C_1 - C_{10} -alkyl group or a C_6 - C_{10} -aryl group,

R^5 and R^6 are identical or different and are as defined for R^3 and R^4 , with the proviso that R^5 and R^6 are not hydrogen,

R⁷ is



=BR¹¹, =AIR¹¹, -Ge-, -Sn-, -O-, -S-, =SO, =SO₂, =NR¹¹, =CO, =PR¹¹ or
 =P(O)R¹¹,

where

R^{11} , R^{12} and R^{13} are identical or different and are a hydrogen atom, a halogen atom, a C_1 - C_{10} -alkyl group, a C_1 - C_{10} -fluoroalkyl group, a C_6 - C_{10} -aryl group, a C_6 - C_{10} -fluoroaryl group, a C_1 - C_{10} -alkoxy group, a C_2 - C_{10} -alkenyl group, a C_7 - C_{40} -arylalkyl group, a C_8 - C_{40} -arylalkenyl group or a C_7 - C_{40} -alkylaryl group, or a pair of substituents R^{11} and R^{12} or R^{11} and R^{13} in each case with the atoms connecting them, form a ring,

M^2 is silicon, germanium or tin,

R^8 and R^9 are identical or different and are as defined for R^{11}

m and n are identical or different and are zero, 1 or 2, m plus n being zero, 1 or 2, [and]

the radicals R^{10} are identical or different and are as defined

for R^{11} , R^{12} and R^{13} ,

rings A are saturated or aromatic.

p is 8, when rings A are saturated, and

p is 4, when rings A are aromatic.

Please amend claim 6 as follows:

6. (Once amended) A compound as claimed in claim 1, wherein R^3 is a C_4 -alkyl group, C_1 - C_4 -alkyl group which is halogenated, a C_6 - C_8 -aryl group, an $-NR_2^{15}$, $-SR^{15}$, $-OSiR_3^{15}$, $-SiR_3^{15}$ or

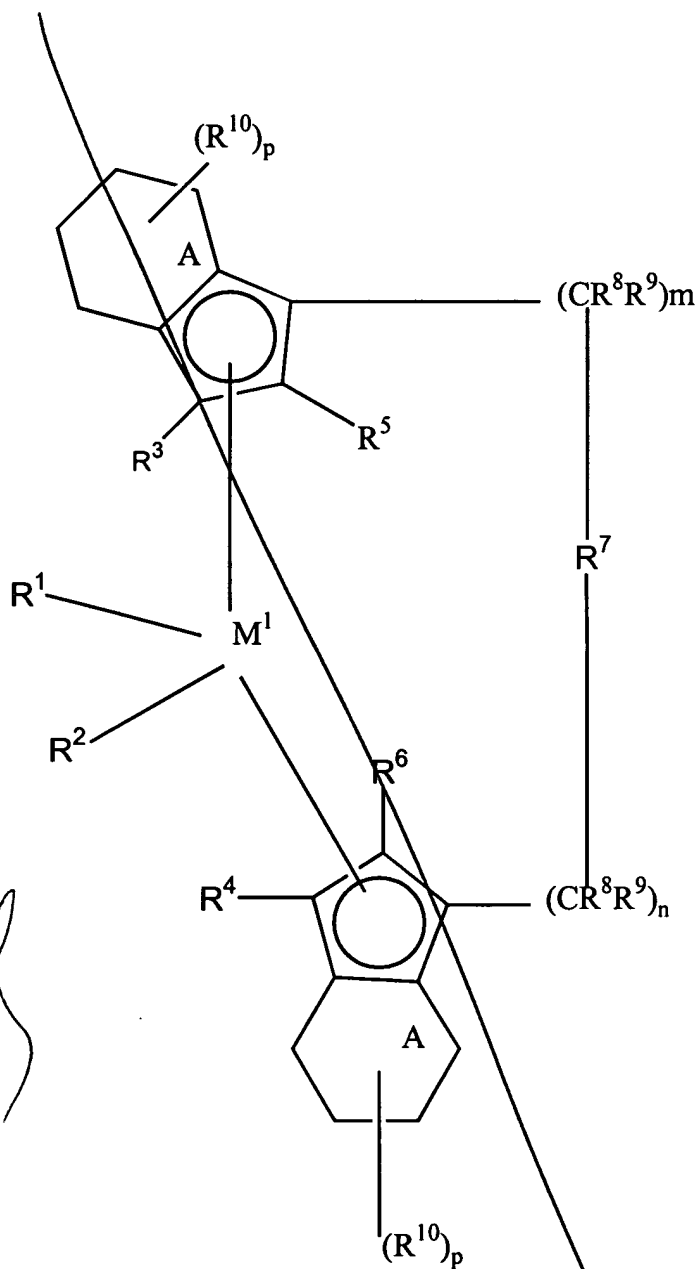
-PR₂¹⁵ radical and R⁴ is [are identical or different and are] a hydrogen atom, a fluorine, chlorine or bromine atom, a C₁-C₄-alkyl group, which may be halogenated, a C₆-C₈-aryl group, an -NR₂¹⁵, -SR¹⁵, -OSiR₃¹⁵, -SiR₃¹⁵ or -PR₂¹⁵ radical in which R¹⁵ is a chlorine atom, or a C₁-C₃-alkyl group or a C₆-C₈-aryl group

Please amend claim 7 as follows.

7. A compound [as claimed in claim 1,] of the formula (I)

SN
Er
cmh

C2
cont'd



(I)

in which

M¹ is a metal from group IVb, Vb or VIb of the Periodic Table

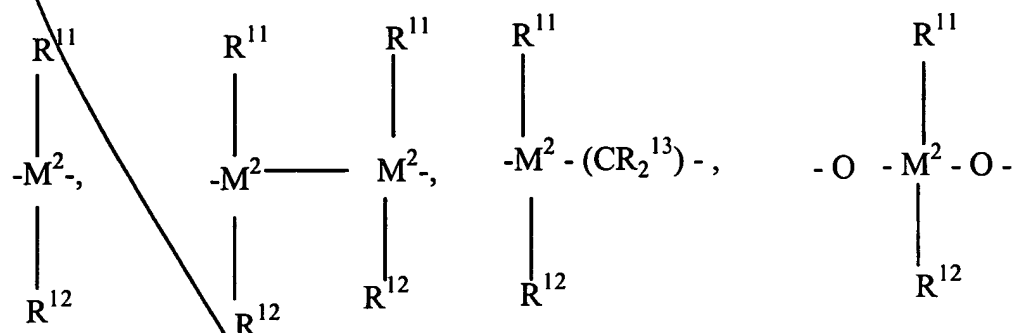
R¹ and R² are identical or different and are a hydrogen atom, a C₁-C₁₀-alkyl group, a C₁-C₁₀-alkoxy group, a C₆-C₁₀-aryl group, a C₆-C₁₀-aryloxy group, a C₂-C₁₀-alkenyl group, a C₇-C₄₀-arylalkyl group, a C₇-C₄₀-alkylaryl group, a C₈-C₄₀-arylalkenyl group or a halogen atom,

R³ and R⁴ are hydrogen,

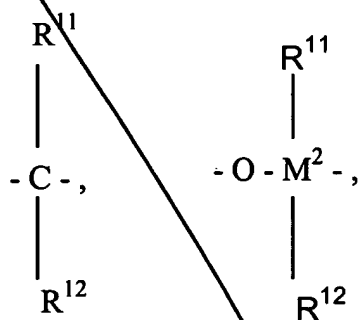
R⁵ and R⁶ are identical or different and are a halogen atom, a C₁-C₁₀-alkyl group, which is optionally halogenated, a C₆-C₁₀-aryl group, an -NR₂¹⁵, -SR¹⁵, -OSiR₃¹⁵, -SiR₃¹⁵ or -PR₂¹⁵ radical in which R¹⁵ is a halogen atom, a C₁-C₁₀-alkyl group or a C₆-C₁₀-aryl group

R⁷ is

Sh
E2



C12
cont'd



$=BR^{11}, =AIR^{11}, -Ge-, -Sn-, -O-, -S-, =SO, =SO_2, =NR^{11}, =CO, =PR^{11}$ or $=P(O)R^{11}$,

where

R^{11}, R^{12} and R^{13} are identical or different and are a hydrogen atom, a halogen atom, a C_1 - C_{10} -alkyl group, a C_1 - C_{10} -fluoroalkyl group, a C_6 - C_{10} -aryl group, a C_6 - C_{10} -fluoroaryl group, a C_1 - C_{10} -alkoxy group, a C_2 - C_{10} -alkenyl group, a C_7 - C_{40} -arylalkyl group, a C_3 - C_{40} -arylalkenyl group or a C_7 - C_{40} -alkylaryl group, or a pair of

substituents R^{11} and R^{12} or R^{11} and R^{13} in each case with the atoms connecting them,
form a ring,

M^2 is silicon, germanium or tin,

R^8 and R^9 are identical or different and are as defined for R^{11}

m and n are identical or different and are zero, 1 or 2, m plus n being zero, 1 or 2,

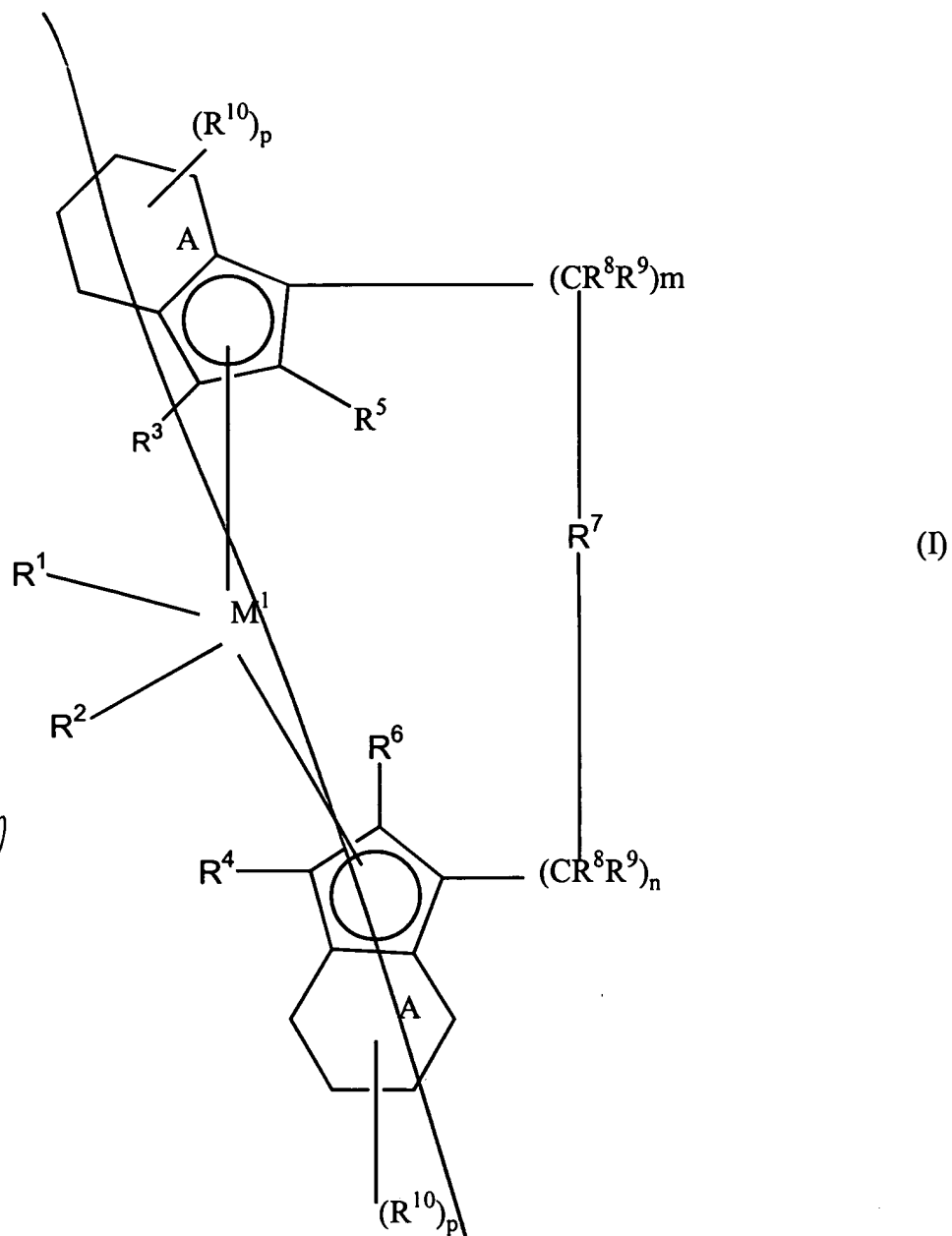
the radicals R^{10} are identical or different and are as defined
for R^{11} , R^{12} and R^{13} ,

rings A are saturated or aromatic,

p is 8, when rings A are saturated, and

p is 4, when rings A are aromatic.

19. A compound of the formula I



in which

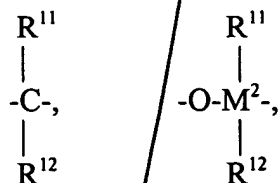
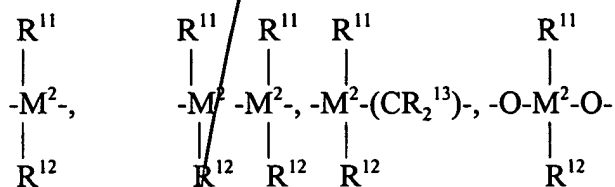
M^1 is a metal from group IVb, Vb or VIb of the Periodic Table,

R¹ and R² are identical or different and are a hydrogen atom, a C₁-C₁₀-alkyl group, a C₁-C₁₀-alkoxy group, a C₆-C₁₀-aryl group, a C₆-C₁₀-aryloxy group, a C₂-C₁₀-alkenyl group, a C₇-C₄₀-arylalkyl group, a C₇-C₄₀-alkylaryl group, a C₈-C₄₀-arylalkenyl group or a halogen atom,
R³ is a hydrogen atom, a halogen atom, a C₂-C₁₀-alkyl group, a C₁-C₁₀-alkyl group which is halogenated, a C₆-C₁₀-aryl group, which is optionally halogenated, a C₆-C₁₀-aryl group, an -NR₂¹⁵, -SR¹⁵, -OSiR₃¹⁵, -SiR₃¹⁵ or -PR₂¹⁵ radical in which R¹⁵ is a halogen atom, a C₁-C₁₀-alkyl group or a C₆-C₁₀-aryl group.

[and] R⁴ [are identical or different and are] is a hydrogen atom, a halogen atom, a C₁-C₁₀-alkyl group, which is optionally halogenated, a C₆-C₁₀-aryl group, an -NR₂¹⁵, -SR¹⁵, -OSiR₃¹⁵, -SiR₃¹⁵ or -PR₂¹⁵ radical in which R¹⁵ is a halogen atom, a C₁-C₁₀-alkyl group or a C₆-C₁₀-aryl group,

R⁵ and R⁶ are identical or different and are as defined for R³ and R⁴, with the proviso that R⁵ and R⁶ are not both hydrogen.

R⁷ is



$=BR^{11}$, $=AlR^{11}$, $-Ge-$, $-Sn-$, $-O-$, $-S-$, $=SO$, $=SO_2$, $=NR^{11}$, $=CO$, $=PR^{11}$ or $=P(O)R^{11}$,

where

R^{11} , R^{12} and R^{13} are identical or different and are a hydrogen atom, a halogen atom, a C_1 - C_{10} -alkyl group, a C_1 - C_{10} -fluoroalkyl group, a C_6 - C_{10} -aryl group, a C_2 - C_{10} -alkenyl group, a C_7 - C_{40} -arylalkyl group, a C_8 - C_{40} -arylalkenyl group or a C_7 - C_{40} -alkylaryl group, or a pair of substituents R^{11} and R^{12} or R^{11} and R^{13} , in each case with the atoms connecting them, form a ring.

M^2 is silicon, germanium or tin,

R^8 and R^9 are identical or different and are as defined for R^{11} ,

m and n are identical or different and are zero, 1 or 2, m plus n being zero, 1 or 2,

the radicals R^{10} are the same or different and are as defined for R^{11} , R^{12} and R^{13} .

Please add the following new claims:

- - 25. The compound as claimed in claim 1, wherein R^3 is a hydrogen atom, a halogen atom, a C_1 - C_{10} -alkyl group which is halogenated, a C_6 - C_{10} -aryl group, which is optionally halogenated, a C_6 - C_{10} -aryl group, an $-NR_2^{15}$, $-SR^{15}$, $-OSiR_3^{15}$, $-SiR_3^{15}$ or $-PR_2^{15}$ radical in which R^{15} is a halogen atom, a C_1 - C_{10} -alkyl group or a C_6 - C_{10} -aryl group.

26. The compound as claimed in claim 1, wherein R^3 is a hydrogen atom, a halogen atom, a C_6 - C_{10} -aryl group, which is optionally halogenated, a C_6 - C_{10} -aryl group, an $-NR_2^{15}$,